

AMENDMENTS TO THE CLAIMS

1-82. (canceled)

83. (currently amended): An isolated nucleic acid sequence that encodes a protein containing the amino acid sequence of SEQ ID NO: 5, where the protein is immunoreactive with at least one antibody that specifically binds to a polypeptide having the amino acid sequence residues 4-92 of SEQ ID NO:3.

84-110. (canceled)

111. (previously presented): The nucleic acid sequence of claim 83, wherein the nucleic acid sequence comprises SEQ ID NO:4.

112. (previously presented): A viral vector that comprises the nucleic acid sequence of claim 83.

113. (previously presented): The viral vector of claim 112, wherein the viral vector encodes a vaccinia, fowlpox, canarypox, adenovirus, influenza, poliovirus, adeno-associated virus, lentivirus, or sindbis virus.

114. (previously presented): An isolated host cell that contains the vector of claim 112.

115. (previously presented): A process for producing a protein having the sequence of SEQ ID NO:5, comprising culturing a host cell of claim 114 under conditions sufficient for the production of the protein, and recovering the protein from the culture.